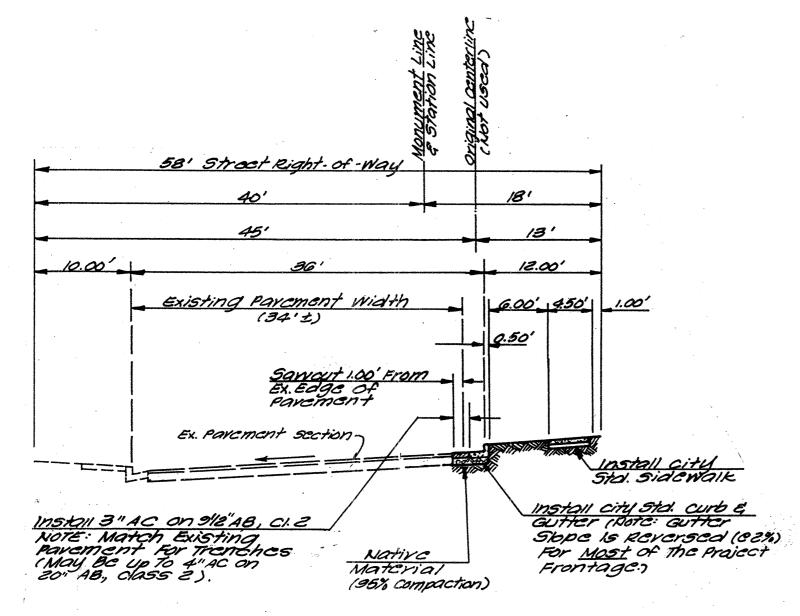
# PLANS FOR THE IMPROVEMENT OF EAST DANA STREET

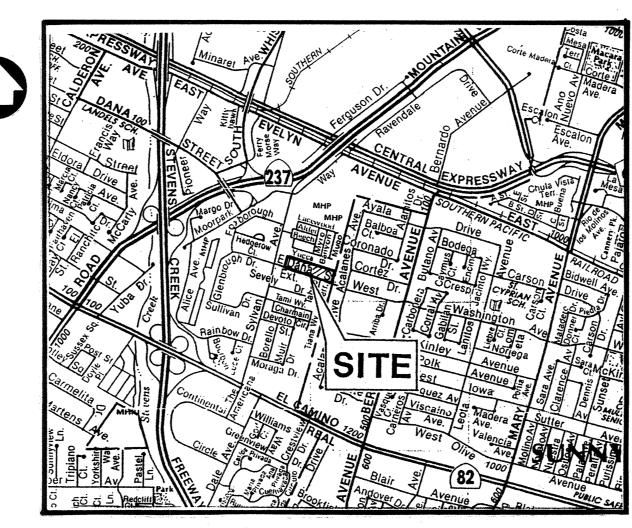
FOR TRACT NO. 8800

MOUNTAIN VIEW, CALIFORNIA



EAST DANA STREET SECTION

T. I. = 5.0 "R" VALUE = 7



# LEGEND

	EXISTING	PROPOSED
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26		

PROPERTY LINE
CURB, GUTTER AND SIDEWALK
CENTERLINE
SANITARY SEWER & MANHOLE
WATER MAIN
STORM SEWER & MANHOLE
STORM INLET & INLET RUN
FIRE HYDRANT
GATE VALVE
BLOW OFF OR AIR RELIEF
TEE
CROSS
ELECTROLIER, CONDUIT ( PULL BOX
GAS LINE
TELEPHONE DUCT
TELEPHONE OR POWER POLE
STREET SIGN
STOP SIGN
STREET SIGN & STOP SIGN
ELECTROLIER & STREET SIGN
FUTURE ELECTROLIER
EXISTING TREE
TREE TO BE REMOVED
EXISTING EDGE OF PAVEMENT
STANDARD CITY MONUMENT
CONCRETE SURFACE
SOUTH TE SOUTHOL

DESCRIPTION

SHEET NUMBER	SHEET DESCRIPTION
C1	COVER SHEET
C2	NOTES & DETAILS
C3	PLAN & PROFILE - EAST DANA STRE

).	BY	REVISION	APP'D BY	DATE	DESIGNED BY M.H.	Well_7.	Kus	DATE		
					DRAWN BY <u>E.T.</u> Checked by <u>W.K</u>	WILLIAM F. KULL REG. EXPIRES: 9-		JOB NO		
	-				DEPARTMENT OF PUBLIC WORKS  CITY OF MOUNTAIN VIEW, CALIFORNI					
						let work	APPROVED BY:			
					Cugue Shi OPERATIONS ENGINEER REG. EXPIRES: 3-31-90	R.C.E. 42954	DEPUTY PUBLIC		RECTOR	
_					SHEET   OF 4	-SHEETS	8/15/96 Date	2708 9 R.C.E. No.	<u>3/31/97.</u> Exp.	

- 1. ALL WORK TO BE IN ACCORDANCE WITH THE STANDARD PROVISIONS OF THE CITY OF MOUNTAIN VIEW, ADOPTED JANUARY 1988 AMENDED MARCH 1990, AND THE LATEST EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS(JULY 1992).
- 2. NORMAL WORKING HOURS FOR CITY PUBLIC WORKS CONSTRUCTION INSPECTORS ARE 7:30 A.M. TO 4:00 P.M., MONDAY THROUGH FRIDAY. THE COST OF OVERTIME FOR THE CITY INSPECTION WILL BE CHARGED TO THE CONTRACTOR IF THE CONTRACTOR WORKS BEFORE 7:30 A.M., AFTER 4:00 P.M., OR ON SATURDAY, SUNDAY OR
- 3. CITY PUBLIC WORKS CONSTRUCTION SECTION SHALL BE PROVIDED WITH GRADING NOTES SHOWING CUTS AND FILLS FOR ALL IMPROVEMENTS TO BE INSPECTED BY THE CITY.
- 4. A PERMIT, AN APPROVED BACKFLOW PREVENTION DEVICE AND A CITY METER ARE REQUIRED FOR TEMPORARY CONSTRUCTION WATER FROM FIRE HYDRANTS AND/OR EXISTING WATER SERVICES DURING CONSTRUCTION. CONTACT THE METER SHOP AT (415) 903-6329 FOR FURTHER INFORMATION.
- 5. A TREE REMOVAL PERMIT IS REQUIRED FROM THE CITY PARKS DIVISION TO REMOVE ANY HERITAGE TREE (DIAMETER GREATER THAN 16") OR STREET TREE EITHER ON PRIVATE PROPERTY OR IN THE **CITY RIGHT-OF-WAY**

### **NOTIFICATION**

- 6. CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DIRECTOR AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK OR IF WORK HAS BEEN SUSPENDED FOR A PERIOD OF TWENTY-FOUR (24) HOURS.
- 7. CONTRACTOR SHALL LEAVE AN EMERGENCY PHONE NUMBER WITH THE EMERGENCY COMMUNICATIONS CENTER AT (415) 903-6395 AND KEEP THE CENTER INFORMED DAILY REGARDING DETOURS.
- 8. THE CONTRACTOR SHALL CONTACT USA (800) 642-2444 FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING WORK TO VERIFY EXISTING UNDERGROUND UTILITIES.
- 9. CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY OWNERS FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO THE UTILITY UNLESS EXCAVATION PERMIT SPECIFIES OTHERWISE.
- 10. CONTRACTOR SHALL GIVE FORTY-EIGHT (48) HOURS NOTICE TO THE CITY PUBLIC WORKS CONSTRUCTION INSPECTORS AT (415) 903-6311 BEFORE MAKING CONNECTION TO EXISTING WATER FACILITIES. THE INSPECTORS WILL NOTIFY THE CITY'S WATER DIVISION FOREMAN TO SCHEDULE A CITY WATER DIVISION CREW. AT ALL TIMES, THE MANIPULATION OF EXISTING OR NEW VALVES SHALL BE DONE BY WATER DIVISION PERSONNEL.
- 11. ALL PROJECT OWNERS, CONTRACTORS AND/OR DEVELOPERS ARE REQUIRED TO CALL FOR INSPECTIONS A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF THE REQUIRED INSPECTION TIME.

- 12. WATER METER REGISTERS SHALL BE ORIENTED SUCH THAT READINGS CAN BE MADE FROM A PAVED AREA.
- 13. ALL CUTS INTO EXISTING SEWER MAINS SHALL BE MACHINE TAPS MADE BY THE TAP TITE CO. (408) 365-7557, OR APPROVED EQUAL.
- 14. WATER METERS AND SANITARY SEWER CLEANOUTS SHALL BE LOCATED PER THE CITY STANDARD PROVISIONS.

## 15. ONE-INCH WATER BOXES SHALL BE USED FOR METERS THAT ARE 1"

- 16. CITY STANDARD DETAILS D-1 AND D-31 ARE HEREBY REVISED TO REPLACE THE INSULATING METER COUPLING OR FLANGE WITH A 6" PVC SECTION OF PIPE. FOR A 3/4" MUELLER H-10890 METER COUPLING SHALL BE CONNECTED TO A 3/4" FIP BRASS COUPLING CONNECTED TO A 3/4" X 6" LONG SCHEDULE 80 PVC THREADED MIP NIPPLE. FOR A 1" METER INSTALLATION, THE TAILPIECE AND BRASS COUPLING SHALL BE 1" INCH IN DIAMETER. FOR A 1-1/2" OR 2" INCH METER INSTALLATION, THE 6" LONG (SAME DIAMETER AS METER) PVC THREADED MIP NIPPLE SHALL BE SCREWED DIRECTLY INTO THE THREADED FLANGE CONNECTION AT THE METER.
- 17. ALL NEW WATER SERVICES, FIRE SERVICES AND WATER MAINS SHALL BE CATHODICALLY PROTECTED. THE CONTRACTOR IS REQUIRED TO PROVIDE CATHODIC PROTECTION TEST RESULTS BY A NACE-CERTIFIED ENGINEER TO THE CITY'S CONSTRUCTION ENGINEER PRIOR TO THE INSTALLATION OF ANY PAVING.
- 18. NO CONNECTION SHALL BE ALLOWED BETWEEN THE PIPE AND THE ANODE PRIOR TO TESTING AND APPROVAL BY THE ENGINEER.
- 19. THE CITY WILL MAKE THE FINAL ANODE WIRING CONNECTIONS PROVIDED THAT THE WIRES ARE PROPERLY MARKED OR A DRAWING IS SUBMITTED TO IDENTIFY THE WIRES.
- 20. THE CONTRACTOR SHALL PAY ALL UTILITY COMPANY CONNECTION CHARGES FOR STREET LIGHT SERVICES. THE CONTRACTOR SHALL INSTALL A PULLBOX AT THE BASE OF THE RISER POLE OR CONNECT TO THE NEAREST UNDERGROUND ELECTRIC SECONDARY BOX FOR ALL NEW STREETLIGHT ELECTRIC SERVICE POINTS.
- 21. ALL BACKFLOW DEVICES SHALL BE OF A REDUCED-PRESSURE PRINCIPLE TYPE, AS LISTED IN THE CITY STANDARD PROVISIONS. NO CONNECTION BETWEEN THE BACKFLOW PREVENTER AND WATER METER WILL BE PERMITTED. BACKFLOW PREVENTERS SMALLER THAN 2.5" SHALL BE PLACED DIRECTLY BEHIND THE WATER METER UNLESS THERE IS A CONFLICT WITH OTHER UTILITIES, DRIVEWAYS OR SIDEWALKS. BACKFLOW PREVENTERS 2.5" OR LARGER SHALL BE PLACED AS CLOSE TO THE METER AS POSSIBLE, UNLESS AN EXEMPTION IS GRANTED BY THE PUBLIC SERVICES DEPARTMENT. IF AN EXEMPTION IS GRANTED, THE TRENCHES SHALL BE LEFT OPEN SO THAT THE CITY ENGINEER CAN VERIFY THAT THERE ARE NO CONNECTIONS BETWEEN THE BACKFLOW PREVENTER AND METER. THE CITY RESERVES THE RIGHT TO TEST THE SYSTEM TO ENSURE THAT THESE REQUIREMENTS ARE MET.\*

## STREET IMPROVEMENTS

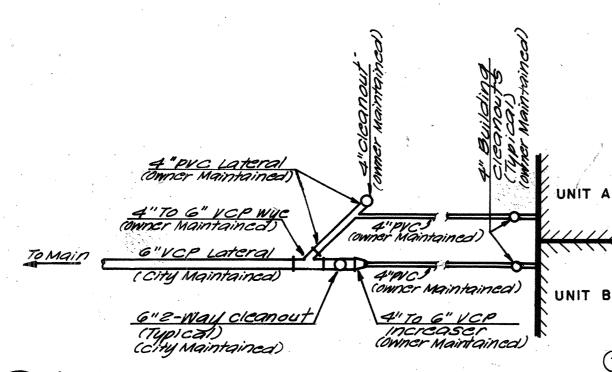
- 22. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED BEFORE PLACING OF BASE ROCK UNLESS OTHERWISE SPECIFIED.
- 23. CONCRETE CONTRACTOR SHALL VERIFY LOCATION OF DRIVEWAYS, SEWER LATERALS AND WATER SERVICES BEFORE POURING CURBS AND SHALL MARK FACE OF CURB WITH A LETTER "S" FOR SEWER LATERALS AND A LETTER "W" FOR WATER SERVICES.
- 24 STREET TREES ARE TO BE IRRIGATED BY ON-SITE SYSTEMS AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION AND/OR PROPERTY OWNER PER THE CITY PARKS DIVISION STANDARDS AND THE CITY
- 25. CONTRACTOR SHALL RESET MANHOLE RIMS AND VALVE BOXES TO GRADE IMMEDIATLEY PRIORR TO PLACING THE LAST LIFT OF PAVING. CONTRACTOR SHALL, AT ALL TIMES, MAINTAIN THE GATE VALVE RISERS TO GRADE AND FREE OF FOREIGN MATERIAL FOR GATE VALVES NEEDED FOR EMERGENCY OPERATION AS DETERMINED BY THE **ENGINEER.\***

### **HEALTH AND SAFETY**

- 26. THE CONTRACTOR SHALL CONFORM TO THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS PERTAINING TO EXCAVATION AND TRENCHES. A COPY OF THE CONSTRUCTION SAFETY ORDERS IS AVAILABLE AT THE CITY.
- 27. THE PRIME CONTRACTOR OR DEVELOPER IS TO HIRE A STREET CLEANING CONTRACTOR TO CLEAN UP DIRT AND DEBRIS FROM CITY STREETS THAT ARE ATTRIBUTABLE TO THE DEVELOPMENT'S CONSTRUCTION ACTIVITIES. THE STREET CLEANING CONTRACTOR IS TO HAVE THE CAPABILITY OF WASHING THE STREETS FROM A TANKER TRUCK WITH A HIGH-PRESSURE NOZZLE AND/OR SWEEPING THE STREETS WITH BOTH A BROOM-TYPE SWEEPER AND A REGENERATIVE AIR VACUUM SWEEPER AS DIRECTED BY THE PUBLIC WORKS DIRECTOR OR HIS DESIGNATED REPRESENTATIVE.
- 28. IN ORDER TO COMPLY WITH SECTION 21.27 OF THE CITY CODE REGARDING DISTURBING NOISES, CONSTRUCTION WORK SHALL OCCUR ONLY BETWEEN THE HOURS OF 7:00 A.M. AND 6:00 P.M., MONDAY THROUGH FRIDAY, UNLESS AN EXCEPTION IS GRANTED BY THE PUBLIC WORKS DIRECTOR OR HIS DESIGNATED REPRESENTATIVE EXCEPTIONS WILL BE CONSIDERED ONLY WHEN, IN THE OPINION OF THE PUBLIC WORKS DIRECTOR, CONSTRUCTION DURING THE ABOVE PERIOD WOULD INCONVENIENCE THE PUBLIC AND NEIGHBORING RESIDENTS MORE THAN WORKING AT OTHER HOURS OR ON WEEKENDS. EXCEPTIONS WILL NOT BE GRANTED MERELY TO EXPEDITE THE CONSTRUCTION WORK.
- 29. THE CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AT ALL TIMES AS REQUIRED BY THE CITY.
- 30. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SIGNS, LIGHTS, BARRICADES. AND OTHER TRAFFIC CONTROL OR WARNING DEVICES, INCLUDING FLAGMEN, AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.

## PLAN REVISIONS AND RECORD DRAWINGS

- 31. ANY CHANGES IN THE APPROVED PLAN MUST BE AUTHORIZED BY SIGNATURE OF THE DEPUTY PUBLIC WORKS DIRECTOR ON THE ORIGINAL PLANS. EACH CHANGE IS TO BE DONE BY CROSSING OUT WORK TO BE DELETED (DO NOT ERASE) AND DRAWING THE REVISION SUCH THAT PREVIOUS WORK CAN BE ASCERTAINED FROM THE PLANS. EACH CHANGE IS TO BE DELINEATED BY ENCLOSING THE CHANGED ARE OF THE PLAN WITH A NUMBERED BUBBLE OR OTHER ACCEPTABLE METHOD. THE CHANGE SHALL BE ENTERED INTO THE REVISION BLOCK WITH THE REVISION NUMBER, DESCRIPTION OF THE CHANGE, DATE AND INITIALS OF THE ENGINEER. SPACE SHALL BE PROVIDED FOR A NOTATION OF THE CITY'S APPROVAL. THE ENGINEER SHALL SUBMIT A COVER LETTER EXPLAINING THE REQUESTED CHANGE, THE ORIGINAL PLAN AND ONE COPY OF EACH SHEET SHOWING THE REQUESTED CHANGES.
- 32. THE CONTRACTOR SHALL KEEP COMPLETE AND ACCURATE RECORD DRAWINGS OF ALL NEW WORK ANDOF EXISTING CONDITIONS THAT HAVE CHANGED OR ARE DIFFERENT THAN SHOWN ON THE ORIGINALLY APPROVED PLANS. UPON COMPLETION OF THE WORK, THE CONTRACTOR'S RECORD DRAWINGS SHALL BE SUBMITTED TO THE CITY INSPECTOR FOR REVIEW AND COMMENT. THE ENGINEER SHALL MAKE THE NECESSARY REVISIONS TO THE ORIGINAL DRAWINGS TO SHOW ALL FIELD CHANGES. THE ENGINEER SHALL VERIFY FINAL GRADING AND SHALL SIGN THE GRADING CERTIFICATE, IF APPLICABLE, WHEN SATISFIED THAT THE GRADING IS IN ACCORDANCE WITH APPROVED PLANS, EACH SHEET OF THE PLAN SHALL BE STAMPED "AS-BUILT" OR "RECORD DRAWING" AND SIGNED BY THE ENGINEER. THE REVISED ORIGINALS SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL. PRIOR TO THE ACCEPTANCE OF THE WORK BY THE CITY, THE ENGINEER SHALL PROVIDE ONE MYLAR COPY (4 MIL) OF THE APPROVED "AS-BUILT" PLANS



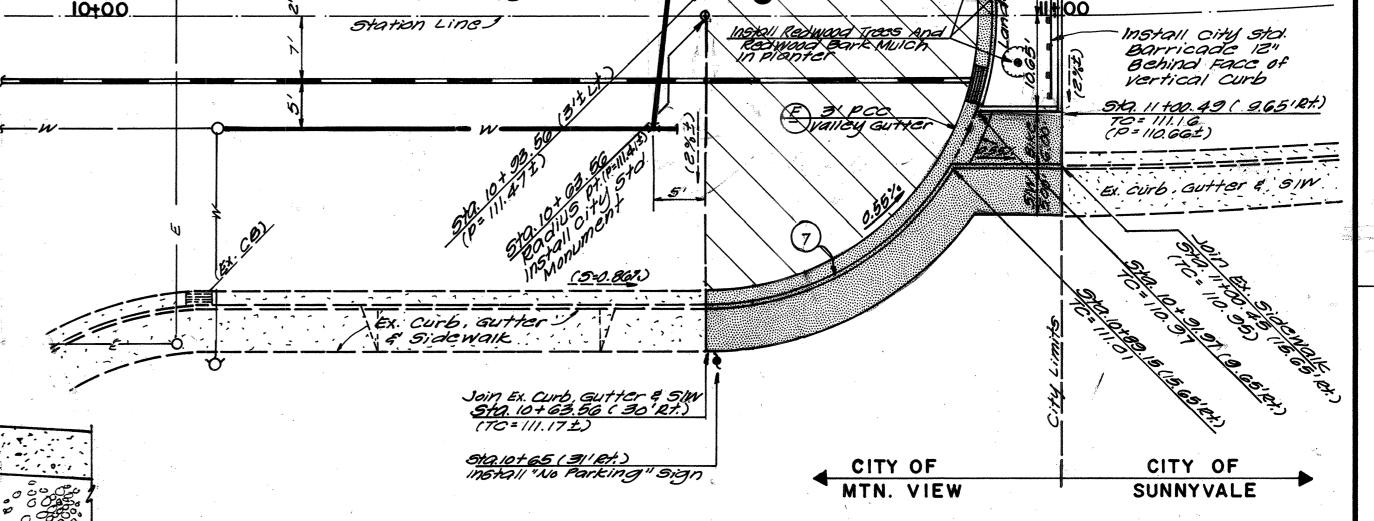
# TYPICAL DUAL SEWER CONNECTION

- (1) CITY TO MAINTAIN 6" VCP LATERAL AND 6" TWO-WAY CLEAN-OUT.
- (2) OWNER SHALL MAINTAIN ALL OTHER PORTIONS OF DUAL SEWER

33. NO RESIDENTIAL UNITS WILL BE RELEASED FOR OCCUPANCY UNLESS THE IMPROVEMENTS TO BE CONSTRUCTED TO CITY STANDARDS AND/OR TO BE ACCEPTED FOR MAINTENANCE BY THE CITY, INCLUDING WATER METERS AND SANITARY SEWER CLEANOUTS, ARE SUBSTANTIALLY COMPLETE IN ACCORDANCE WITH THE CITY OF MOUNTAIN VIEW STANDARD PROVISIONS FOR PUBLIC WORKS CONSTRUCTION. WHEN THE IMPROVEMENTS TO BE CONSTRUCTED TO CITY STANDARDS AND/OR BE ACCEPTED FOR MAINTENANCE BY THE CITY ARE SUBSTANTIALLY COMPLETE, ONE-HALF OF THE UNITS MAY BE RELEASED FOR OCCUPANCY, PROVIDED THAT ALL OTHER CONDITIONS OF APPROVAL AND BUILDING CODES HAVE BEEN MET. WHEN ALL OF THE IMPROVEMENTS ARE COMPLETE AND/OR READY FOR ACCEPTANCE FOR MAINTENANCE BY THE CITY COUNCIL, THE REMAINING UNITS MAY BE RELEASED FOR OCCUPANCY, PROVIDED THAT ALL OTHER CONDITIONS OF APPROVAL AND BUILDING CODES HAVE BEEN MET. THE DETERMINATION OF WHAT IS SUBSTANTIALLY COMPLETE SHALL BE MADE BY THE PUBLIC WORKS DIRECTOR.

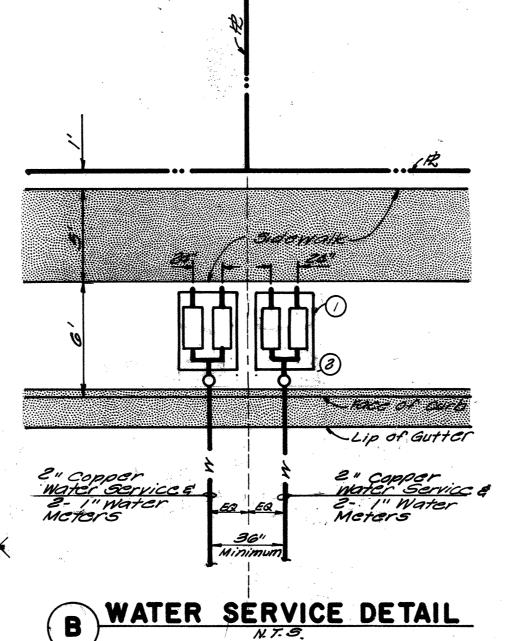
# FACE OF CURB - CURVETABLE NO. | RADIUS | CENTRAL ANGLE LENGTH

			·
(5)	30.00'	88 • 13 '03"	46.19'
6	30.00'	61°25'54"	32.18'
7	<i>30.00'</i>	58° 32'47"	30.65'



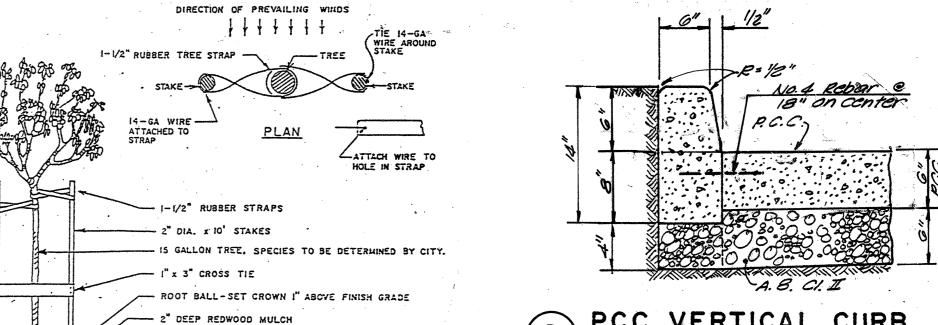
DETAIL OF CUL-DE-SAC IMPROVEMENTS

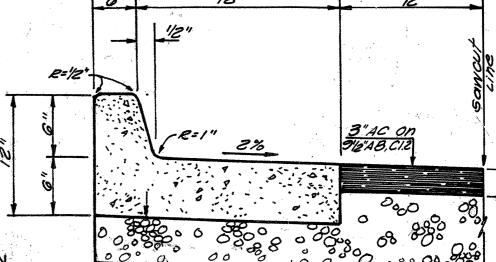
# F 3' PCC VALLEY GUTTER



Manifold 2 - 1" Individual Services From 2"

Main Service, Manifold Per City Standard Only One Service And Two Meters For Lot 1 And 14 Located As Noted on Sheet 3





TREE PLANTING & STAKING DETAIL REVISED CITY STD. DETAIL F-1

5' FROM WATER SERVICES AND DRIVEWAYS.

(1) STREET TREE FOR THIS PORTION OF EAST DANA STREET IS SYCAMORE (LONDON PLANE) "PLATANUS ACERIFOLIA - VARIETY YARWOOD" 15 GALLON

FOR TREES PLANTED WITHIN 6" OF A PERMANENT STRUCTURE (DRIVEWAY, SIDEWALK, CURB, ETC.) INSTALL A DEEP ROOT BARRIER PLANTER. No. 22-29-18P OR APPROVED

FOR TREES PLANTED IN A NON-IRRIGATED AREA OR WHERE HAND WATER IS NECESSARY,

INSTALL, AT THE PERIMETER, A 4"X30" P.V.C. DRAIN PIPE WITH 4" SLOAN GRATE 1"

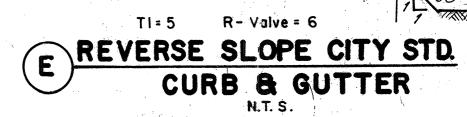
TREES SHALL BE PLANTED A MINIMUM OF 10' FROM SANITARY SEWER LATERALS AND

DEEP ROOT BARRIER PLANTER. SEE NOTE NO. 1

BETWEEN ROOTBALL AND BACKFILL MIX

STAKES TO BE DRIVEN I' BELOW ROOT BALL

--- SLOW RELEASE FERTILIZER PELLETS ARE TO BE PLACED



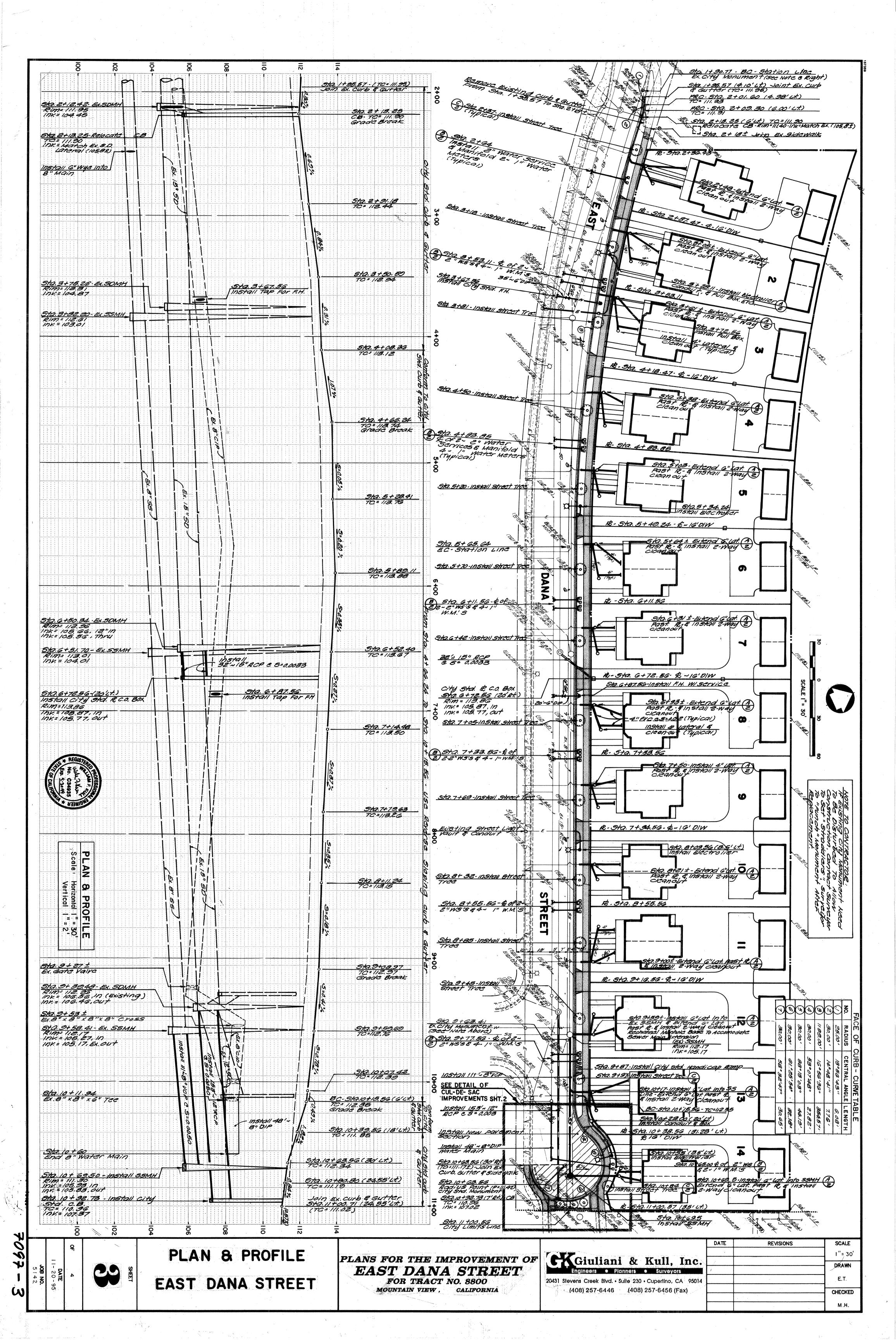
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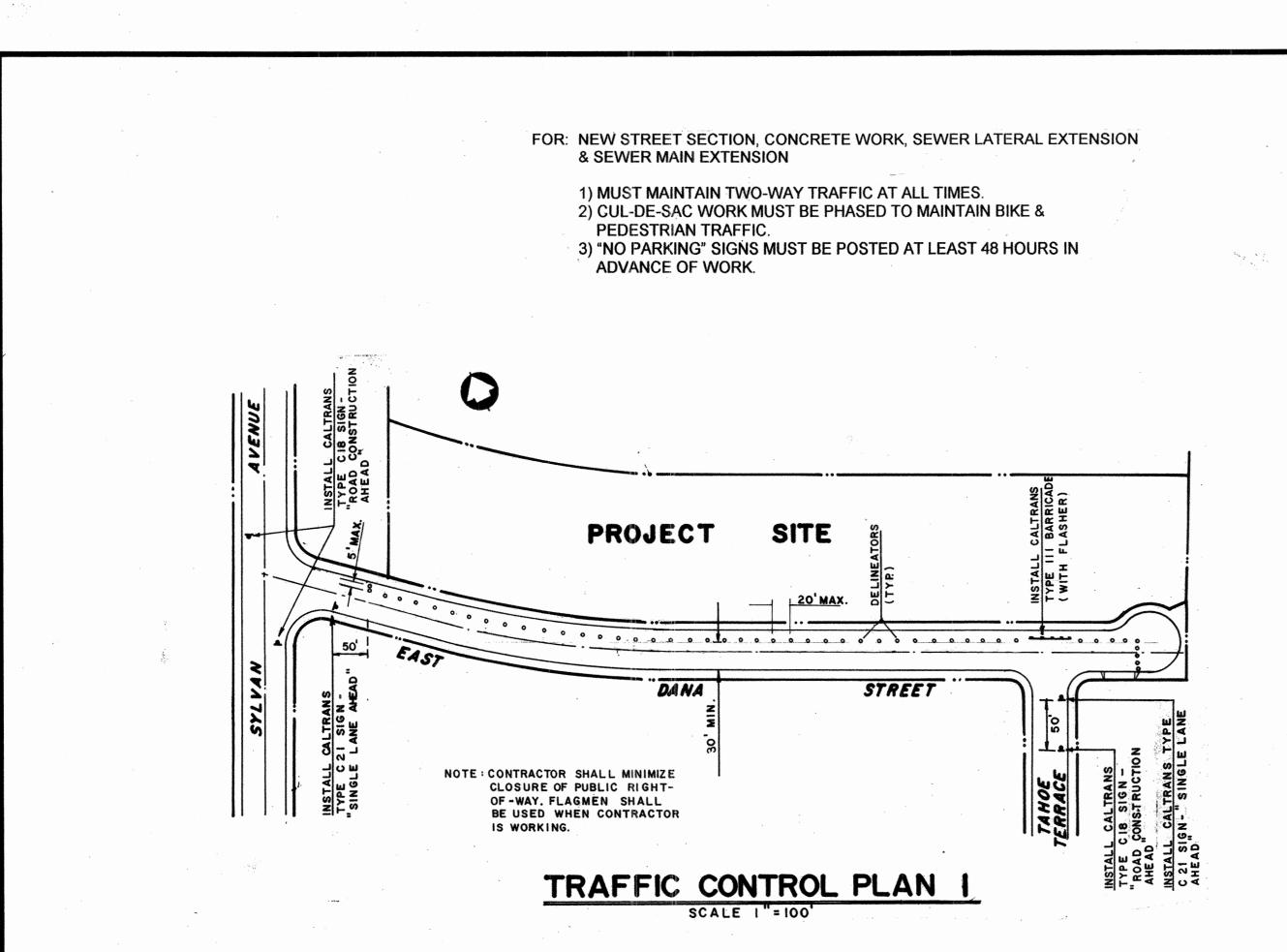
JOB NO.

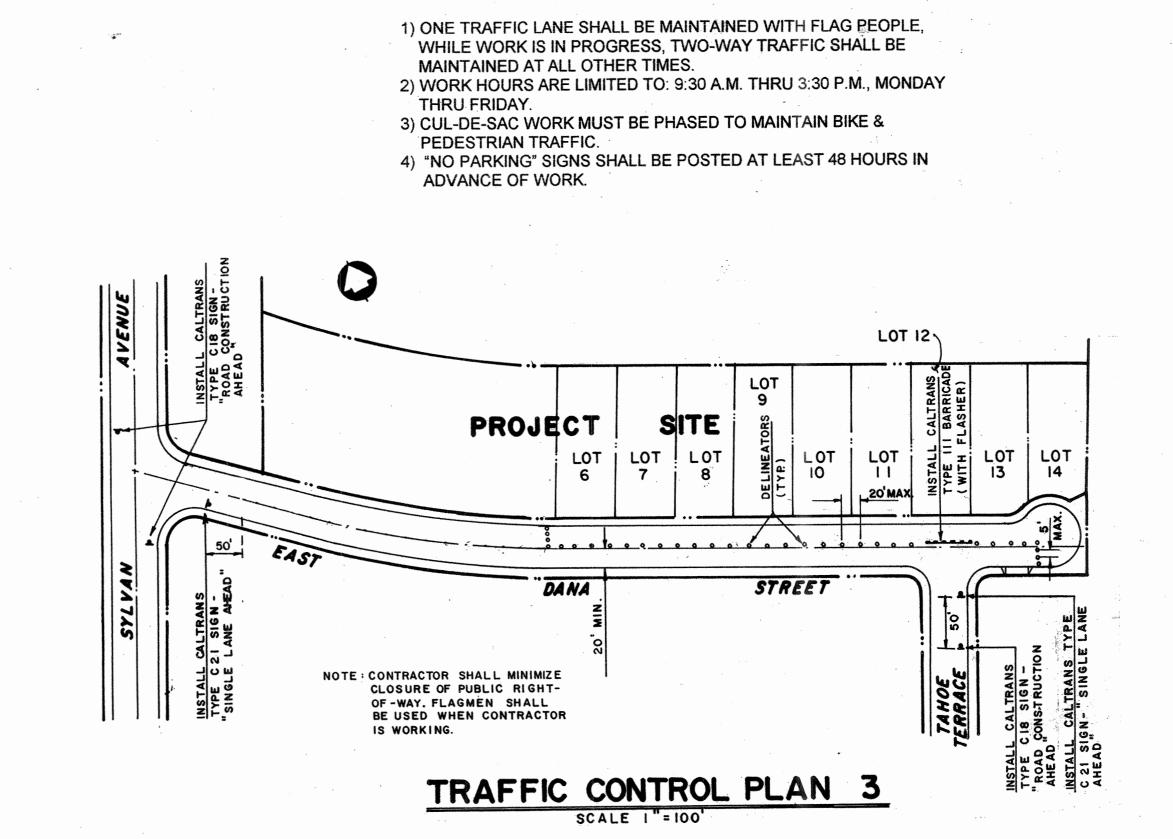
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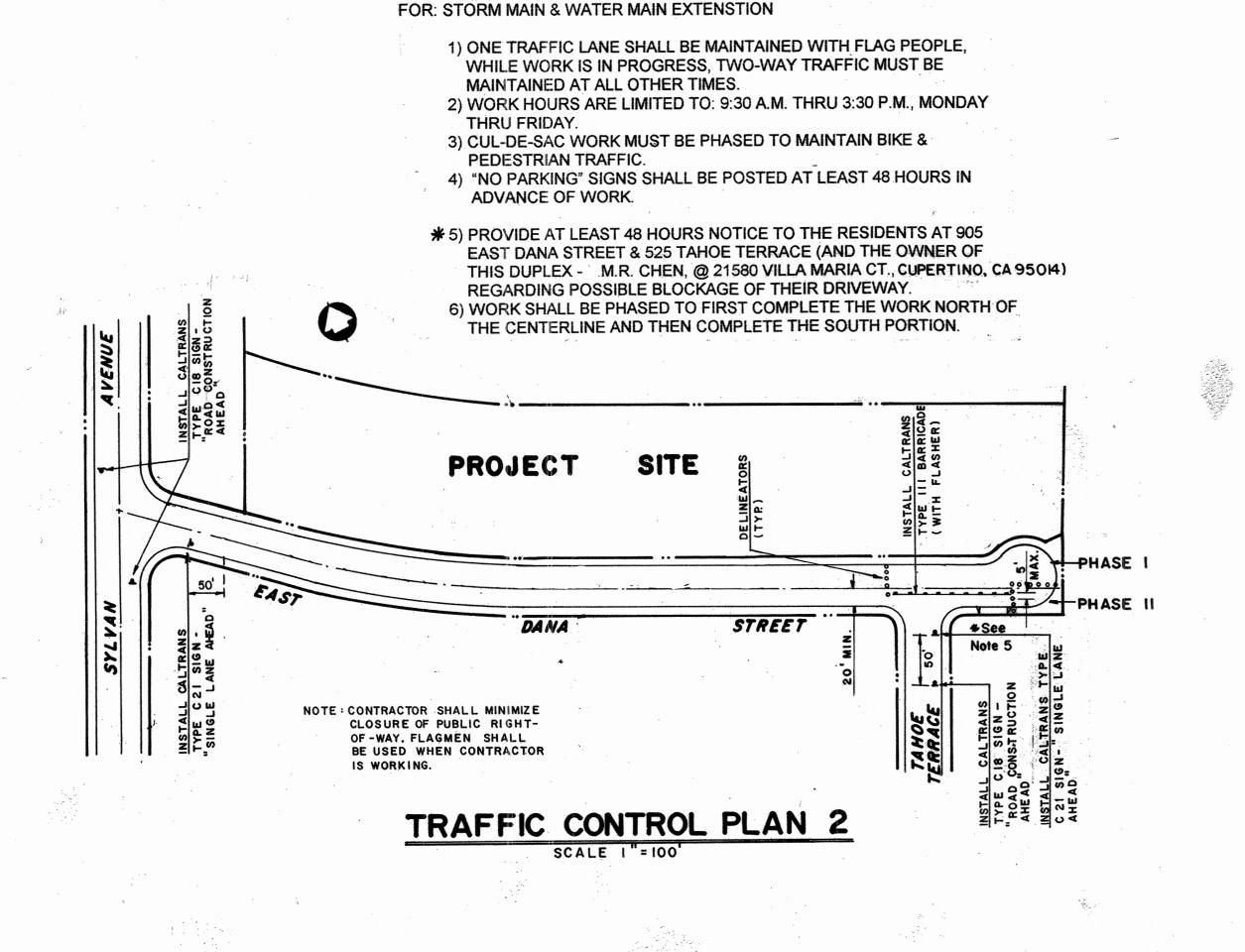
5142 7097-2







FOR: STORM AND WATER SERVICE CONNECTIONS FOR LOTS 6-14



FOR: WATER SERVICE CONNECTIONS FOR LOTS 1-5

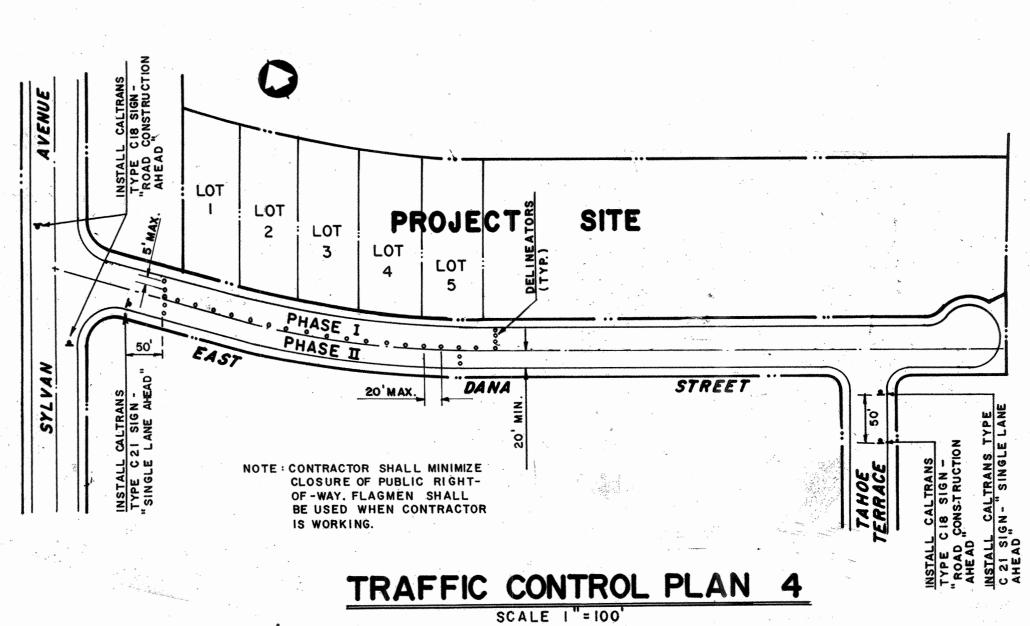
1) ONE TRAFFIC LANE SHALL BE MAINTAINED WITH FLAG PEOPLE, WHILE WORK IS IN PROGRESS, TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL OTHER TIMES.

2) WORK HOURS ARE LIMITED TO: 9:30 A.M. THRU 3:30 P.M., MONDAY

3) "NO PARKING" SIGNS SHALL BE POSTED AT LEAST 48 HOURS IN

ADVANCE OF WORK.

4) WORK SHALL BE PHASED TO FIRST COMPLETE THE WORK NORTH OF THE CENTERLINE AND THEN COMPLETE THE SOUTH PORTION





SHEET

DATE 2 - 29 - 96 JOB NO. 5142